



SEQUENCE LISTING

<110> CHOO, Yen
KLUG, Aaron
SANCHEZ-GARCIA, Isidro

<120> BINDING PROTEINS FOR RECOGNITION OF DNA

<130> 8325-2001.30 (G1-US3)

<140> 10/033,129

<141> 2001-12-27

<150> 08/793,408

<151> 1997-06-02

<150> PCT/GB95/01949

<151> 1995-08-17

<160> 125

<170> PatentIn version 3.2

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Arg Phe Ser Arg Ser Asp Glu Leu Thr Arg His Thr Arg Ile His Thr
20 25 30

Gly Gln Lys Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Xaa
35 40 45

Xaa Xaa Xaa Leu Xaa Xaa His Xaa Xaa Thr His Thr Gly Glu Lys Pro
50 55 60

Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg
65 70 75 80

Lys Arg His Thr Lys Ile His Leu Arg Gln Lys Asp
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Met Ala Glu Glu Lys Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe
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Ser Asp Arg Ser Ser Leu Thr Arg His Thr Arg His Thr Gly Glu Lys
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Pro

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1 5 10 15

Ser Glu Arg Gly Thr Leu Ala Arg His Glu Lys His Thr Gly Glu Lys
20 25 30

Pro

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Val Arg His Leu Arg His Thr Gly Glu Lys Pro
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Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Gln Ala Gln Thr Leu
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Gln Arg His Leu Lys His Thr Gly Glu Lys
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Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Gln Ala Ala Thr Leu
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Gln Arg His Leu Lys His Thr Gly Glu Lys
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1 5 10 15

Gln Arg His Leu Lys His Thr Gly Glu Lys
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Ser Asp Arg Ser Ser Leu Thr Arg His Thr Arg Thr His Thr Gly Glu
20 25 30

Lys Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Asp Arg Ser
 35 40 45

His Leu Thr Arg His Thr Arg Thr His Thr Gly Glu Lys Pro Phe Gln
 50 55 60

Cys Arg Ile Cys Met Arg Asn Phe Ser Asp Arg Ser Asn Leu Thr Arg
 65 70 75 80

His Thr Arg Thr His Thr Gly Glu Lys
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Gln Arg Ala Ser Leu Ala Ser His Met Arg
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 Arg Leu Asp Gly Leu Arg Thr His Leu Lys
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 Thr Pro Gly Asn Leu Thr Arg His Gly Arg
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 Arg Ala Asp Ala Leu Met Val His Lys Arg
 1 5 10

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 Asn Gln Ser Asn Leu Glu Arg His His Arg
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Asp Arg Ser Asn Leu Glu Arg His Thr Arg
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Arg Ser Asp Thr Leu Lys Lys His Gly Lys
 1 5 10

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<400> 32

Gln Gln Ser Asn Leu Val Arg His Gln Arg
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 Arg Gly Asp His Leu Lys Asp His Ile Lys
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 Arg Gly Pro Asp Leu Ala Arg His Gly Arg
 1 5 10

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Arg Ala Ala Asp Leu Asn Arg His Val Arg
1 5 10

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Ser Gln Gly Asn Leu Gln Arg His Gly Arg
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Thr Gly Gly Ser Leu Ala Arg His Glu Arg
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Asp His Ala Asn Leu Ala Arg His Thr Arg
1 5 10

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Leu Gln Ser Asn Leu Val Arg His Gln Arg
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<400> 45

Arg Lys Asp Val Leu Val Ser His Val Arg
1 5 10

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Arg Arg Asp Val Leu Met Asn His Ile Arg
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Gln Gly Gly Asn Leu Val Arg His Leu Arg
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 1 5 10

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 Glu Lys Ala Thr Leu Ala Arg His Met Lys
 1 5 10

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 Gln Ala Gln Thr Leu Gln Arg His Leu Lys
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Arg Gly Asp His Leu Lys Asp His Ile Lys
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Arg Ser Asp His Leu Thr Thr His Ile Arg
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 Ala Arg Ser Asn Leu Leu Arg His Thr Arg
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Asp Arg Ser Asn Leu Glu Arg His Thr Arg
1 5 10

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Asn Gln Ser Asn Leu Glu Arg His His Arg
1 5 10

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Gln Gln Ser Asn Leu Val Arg His Gln Arg
1 5 10

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Ser	Gln	Gly	Asn	Leu	Gln	Arg	His	Gly	Arg
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<212> PRT

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Asp	Arg	Ser	Ser	Leu	Thr	Arg	His	Thr	Arg
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Glu	Arg	Gly	Thr	Leu	Ala	Arg	His	Glu	Lys
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<210> 74

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<212> PRT

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Asp Arg Arg Leu Leu Asp Arg His Gln Arg
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<211> 10

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Asp Arg Ser Ser Leu Thr Arg His Thr Arg
1 5 10

<210> 76

<211> 10

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<400> 76

Glu Arg Thr Ser Leu Ser Arg His Ile Arg
1 5 10

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<211> 10

<212> PRT

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<400> 77

Ser Ala Gly Thr Leu Val Arg His Ser Lys
1 5 10

<210> 78

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Gln Ala Gln Thr Leu Gln Arg His Leu Lys
1 5 10

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 Glu Lys Ala Thr Leu Ala Arg His Met Lys
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 Arg Gln Ser Thr Leu Gly Arg His Thr Arg
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<400> 83

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1 5 10

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Gly Arg Asp Ala Leu Ala Arg His Gln Lys
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1 5 10

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Ser Arg Asp Val Leu Arg Arg His Asn Arg
1 5 10

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<400> 88

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Arg Lys Asp Val Leu Val Ser His Val Arg
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Arg Arg Asp Val Leu Met Asn His Ile Arg
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 Glu Arg Thr Ser Leu Ser Arg His Ile Arg
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 Gly Ala Arg Ser Leu Thr Arg His Gln Arg
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Thr Gly Gly Ser Leu Ala Arg His Glu Arg
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Gln Arg Ala Ser Leu Ala Ser His Met Arg
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<210> 98

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<220>

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<400> 98

Asn Arg Asp Thr Leu Thr Arg His Ser Lys
1 5 10

<210> 99

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Glu Arg Gly Thr Leu Ala Arg His Glu Arg
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 Arg Lys Asp Val Leu Val Ser His Val Arg
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 Arg Arg Asp Val Leu Met Asn His Ile Arg
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 <400> 109

Ala Arg Glu Val Leu Gln Arg His Thr Arg
1 5 10

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Arg Glu Asp Val Leu Ile Arg His Gly Lys
1 5 10

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Arg Ser Asp Leu Leu Gln Arg His His Lys
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Arg Leu Asp Gly Leu Arg Thr His Leu Lys
1 5 10

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Arg Gly Asp Ala Leu Thr Ser His Glu Arg
1 5 10

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 Arg Ala Asp Ala Leu Met Val His Lys Arg
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 Arg Val Asp Ala Leu Glu Ala His Arg Arg
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 Arg Arg Asp Val Leu Leu Asn His Ile Arg
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 Arg Glu Asp Val Leu Ile Arg His Gly Lys
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Arg Ser Asp Leu Leu Gln Arg His His Lys
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Lys Ala Ser Asn Leu Val Ser His Ile Arg
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Leu Arg His Asn Leu Glu Thr His Met Arg
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Pro Lys Lys Lys Arg Lys Val
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